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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 09/672,416 | 09/28/2000 | Wendy F. Hunter | 10991848-1 | 8195 |
| 7590 | 07/01/2004 | | EXAMINER | |
| IP Administration Legal Department, M/S 35 HEWLETT-PACKARD COMPANY P. O. Box 272400 Fort Collins, CO 80528-9599 | | | RAHIMI, IRAJ A | |
| | | ART UNIT | PAPER NUMBER | 2622 7 |
| DATE MAILED: 07/01/2004 | | | | |

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | |
|------------------------------|----------------------------------|--------------------------------------|
| Office Action Summary | Application No. | Applicant(s) |
| | 09/672,416 (Iraj) Alan Rahimi | HUNTER, WENDY F. Art Unit 2622 |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 28 September 2000.
 2a) This action is FINAL. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-24 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1-24 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input checked="" type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ . |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ . | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| | 6) <input type="checkbox"/> Other: _____ . |

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. Claim 7 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claim 7 states that user input is obtained from a file in memory. User input is usually related to information entered regarding the image or processing of the image. Claim does not clarify what type of information is kept in the memory. Examiner understanding of the claim is similar as to claims 15 and 23 which states printing parameters are obtained from the memory card.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

3. Claims 1-24 are rejected under 35 U.S.C. 102(e) as being anticipated by Reed (US patent 6,426,801).

Regarding claim 1, Reed discloses a printer 20, having a receptacle 34 for receiving a memory card, said memory card having storage means for storing a plurality of image files, said printer further comprising:

a user interface 38 coupled to said printer for enabling a user to enter selection commands;

a display 40 coupled to said printer for showing messages;
and processor means coupled to said printer

(i) responsive to a first user input to print a sheet with reduced versions of said plurality of image files in a first sequence of the image files (column 7, lines 19-21) and
(ii) responsive to another user input for specifying at least one arrangement of said plurality of image files wherein said image files are printed with a same orientation on said sheet (column 7, lines 32-40).

Regarding claim 2, Reed discloses the printer of claim 1 wherein said at least one arrangement comprises an alternate arrangement wherein said image files are arranged to fit as many image files as possible on said sheet (column 7, lines 41-52).

Regarding claim 3, Reed discloses the printer of claim 1 wherein said processor means is further responsive to another user input to print a sheet with an alternate sequence of said plurality of image files (column 7, lines 41-52).

Regarding claim 4, Reed discloses the printer of claim 1 wherein said processor means is further responsive to another user input to print selected ones of said plurality of image files (column 7, lines 41-52).

Regarding claim 5, Reed discloses the printer of claim 1 wherein said processor means is further responsive to another user input to print each of said plurality of image files at a certain size (column 7, lines 41-52).

Regarding claim 6, Reed discloses the printer of claim 1 wherein said processor means is further responsive to another user input to print a specified number of copies of each of said plurality of image files (column 7, lines 41-52).

Regarding claim 7, Reed discloses the printer of claim 5 wherein said user input is obtained from a file in said memory card (column 7, lines 18-24).

Regarding claim 8, Reed discloses the printer of claim 1 further comprising means for communicating with a personal computer, wherein said plurality of image files are present in a storage medium in said personal computer (column 6, lines 53-61).

Regarding claim 9, arguments analogous to those presented for claim 1 and 2, are applicable.

Regarding claim 10, Reed discloses the method of claim 9 wherein said step of specifying further comprises specifying at least one arrangement wherein said image files are printed with the same orientation on said sheet (column 7, lines 32-40).

Regarding claims 11, and 19 arguments analogous to those presented for claim 3, are applicable.

Regarding claims 12 and 20 arguments analogous to those presented for claim 4, are applicable.

Regarding claims 13 and 21 arguments analogous to those presented for claim 5, are applicable.

Regarding claims 14 and 22 arguments analogous to those presented for claim 6, are applicable.

Regarding claims 15 and 23 arguments analogous to those presented for claim 7, are applicable.

Regarding claims 16 and 24 arguments analogous to those presented for claim 8, are applicable.

Regarding claim 17 arguments analogous to those presented for claim 9, are applicable.

Regarding claim 18 arguments analogous to those presented for claim 10, are applicable.

Other Prior Art Cited

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Art Unit: 2622

Miyamoto (US patent 6,456,391) discloses a printer printing an index print on which thumbnail pictures representing the images are arranged in a matrix.

Hwang (US patent 6,550,910) discloses imaging device with interface feature.

Matsumoto (US patent application US 2003/0174213) discloses a system for transferring image data from camera to a printing system.

Contact Information

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to (Iraj) Alan Rahimi whose telephone number is 703-306-3473. The examiner can normally be reached on Mon.-Fri. 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L Coles can be reached on 703-305-4712. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Alan Rahimi
June 22, 2004


EDWARD COLES
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600